

MAY 2003 RESOURCE ASSESSMENT TRAWL SURVEY

DMF's trawl survey provides information for many uses including environmental reviews and groundfish assessments. It is critical to the integrity of the survey that we maintain access to sampling sites. Due to admirable cooperation during the last several years from fixed gear fishermen, we accomplished our sampling goals and avoided costly gear conflicts.

We ask that all fixed gear fishermen review the attached table of station location details and the accompanying figure, which plots the general locations of all selected sample sites. We request that all fixed gear be kept clear of station locations (1.5 n. mi. diameter circle - center point reported in table) for the indicated days. We will make every attempt to complete stations during the assigned period to minimize inconvenience to fixed gear fishermen. Fishermen can contact the R/V Gloria Michelle on VHF channels 13 or 16 to determine the updated daily schedule. In the event of a forced delay due to weather, we will resume our schedule as soon as working conditions are safe.

As reported in the past, the DMF Director is prepared to attach restrictions to permit renewals (under 322 CMR 7.01 (7)) mandating that fixed gear not be set on designated trawl survey sites for the dates stipulated. It remains our hope that this action will be unnecessary.

Personnel aboard the NOAA R/V Gloria Michelle (65' western rigged steel stern trawler with a blue hull and white deckhouse) will carefully check each site for marked gear by cruising along a selected tow path at least once before the net is set. Undertaken at 2.5 knots, twenty-minute tows cover approximately 0.8 n mi., generally along a depth contour. We encourage communicating helpful information to the R/V officers (via channels 13 or 16).

<u>General Location</u>	<u>General Location</u>	<u>Depth</u>	<u>Date</u>	<u>Latitude</u>	<u>Center of Tow Area</u> <u>Longitude</u>	<u>Loran</u>
East of Cape Cod	E of Wellfleet	0-30'	May 13-15	41°57.1'	69°59.5'	13774.5/44047.5
	E of Pochet Neck	0-30'	May 13-15	41°47.2'	69°55.7'	13802.0/43985.0
	SE of Highland Light	31-60'	May 13-15	42°02.5'	70°01.4'	13768.0/44077.0
	E of Chatham Harbor	31-60'	May 13-15	41°41.3'	69°58.0'	13814.0/43945.0
	E of Chatham Harbor	61-90'	May 13-15	41°40.8'	69°52.8'	13814.5/43942.5
	N of Peaked Hill Bar	91-120'	May 13-15	42°06.1'	70°08.2'	13785.5/44114.0
	E of Pochet Island	91-120'	May 13-15	41°45.3'	69°51.9'	13789.0/43967.5
	N of Race Pt.	>120'	May 13-15	42°06.7'	70°13.7'	13816.0/44126.0
	N of Race Pt.	>120'	May 13-15	42°07.3'	70°11.8'	13801.0/44126.5
Cape Cod Bay	S of Hummarock	0-30'	May 6-13	42°07.9'	70°40.7'	13976.0/44179.0
	Center Hill Point	0-30'	May 6-13	41°51.1'	70°31.3'	13994.5/44061.5
	Scorton Ledge	31-60'	May 6-13	41°45.8'	70°23.5'	13971.5/44018.0
	Sandy Neck	31-60'	May 6-13	41°45.3'	70°18.8'	13946.0/44007.0
	Barnstable Hbr. Entrance	31-60'	May 6-13	41°47.6'	70°15.6'	13916.5/44016.5
	E of Brant Rock	61-90'	May 6-13	42°05.4'	70°34.2'	13947.0/44153.0
	E of Center Hill Pt.	61-90'	May 6-13	41°50.6'	70°24.7'	13957.0/44048.5
	N of Sandy Neck	61-90'	May 6-13	41°50.9'	70°19.6'	13925.0/44042.5
	ENE of Manomet Pt.	91-120'	May 6-13	41°56.4'	70°29.5'	13960.5/44091.5
	E of Indian Hill	91-120'	May 6-13	41°52.7'	70°26.8'	13960.5/44064.5
	E of Manomet Pt.	91-120'	May 6-13	41°54.7'	70°24.1'	13935.0/44075.0
	E of Duxbury Beach	121-180'	May 6-13	42°03.6'	70°27.8'	13916.0/44131.5
	E of Gurnet Pt.	121-180'	May 6-13	42°00.7'	70°27.9'	13930.5/44114.5
	ENE of Manomet Pt.	121-180'	May 6-13	41°56.2'	70°26.1'	13940.0/44084.5
	NW of Griffin Island	0-30'	May 6-13	41°57.7'	70°05.6'	13810.5/44061.5
	W of Jeremy Pt.	31-60'	May 6-13	41°53.3'	70°09.4'	13853.5/44041.0
	N of Sesuit Harbor	31-60'	May 6-13	41°47.2'	70°10.2'	13887.0/44006.0
	NW of Griffin Island	61-90'	May 6-13	41°58.1'	70°08.2'	13824.5/44068.0
	NW of Sesuit Harbor	61-90'	May 6-13	41°50.2'	70°14.0'	13895.5/44029.0
	S of Wood End	91-120'	May 6-13	41°59.8'	70°10.2'	13828.0/44081.0
	W of Great Island	91-120'	May 6-13	41°54.4'	70°12.2'	13865.0/44052.5
	W of Wood End	121-180'	May 6-13	42°02.2'	70°15.5'	13848.5/44103.0
	W of Wood End	121-180'	May 6-13	42°01.8'	70°19.7'	13875.0/44117.5
	W of Race Pt.	180+	May 6-13	42°05.7'	70°23.8'	13881.5/44137.0
	W of Race Pt.	180+	May 6-13	42°06.9'	70°24.9'	13882.0/44146.0
Cape Ann and North	Plum Island	0-30'	May 9-10	42°46.4'	70°47.7'	13826.0/44406.0
	N of Castle Neck	0-30'	May 9-10	42°42.1'	70°44.9'	13830.0/44378.5
	Plum Island	31-60'	May 9-10	42°43.7'	70°45.1'	13823.0/44387.5
	SE Merrimack R.	61-90'	May 9-10	42°47.6'	70°46.4'	13810.0/44410.0
	W of Halibut Pt.	61-90'	May 9-10	42°41.9'	70°40.0'	13800.0/44368.0
	ENE Merrimack R.	91-120'	May 9-10	42°49.9'	70°44.6'	13786.0/44118.0
	N of Halibut Pt.	121-180'	May 9-10	42°43.5'	70°37.7'	13776.0/44372.0
	NE of Halibut Pt.	121-180'	May 9-10	42°42.7'	70°36.1'	13770.0/44365.0
	Flat Ground, Rockport	121-180'	May 9-10	42°41.4'	70°34.0'	13764.0/44354.0
	NE of Rockport	>180'	May 9-10	42°42.7'	70°33.0'	13750.0/44359.0
Massachusetts Bay	Nantasket Beach	0-30'	May 7-11	42°16.9'	70°51.7'	14002.0/44251.5
	Nahant Bay	0-30'	May 7-11	42°26.9'	70°55.5'	13978.7/44317.2
	NW of Cohasset Hbr.	31-60'	May 7-11	42°17.0'	70°48.2'	13980.0/44245.0
	S of Harding Ledge	31-60'	May 7-11	42°18.3'	70°49.4'	13988.5/44257.0
	S of Nahant	31-60'	May 7-11	42°24.5'	69°55.8'	13991.0/44302.0
	Nahant Bay	31-60'	May 7-11	42°26.6'	70°54.5'	13973.7/44313.6
	Nahant Bay	61-90'	May 7-11	42°26.9'	70°52.9'	13961.8/44312.2
	E of Harding Ledge	61-90'	May 7-11	42°18.7'	70°48.2'	13971.0/44255.0
	NE of Cohasset Hbr.	91-120'	May 7-11	42°26.9'	70°43.2'	13940.0/44245.0
	Outfall Pipe	91-120'	May 7-11	42°23.5'	70°49.4'	13954.5/44285.0
	SSE of Halfway Rock	91-120'	May 7-11	42°29.1'	70°46.1'	13905.5/44310.0
	E of Manchester	91-120'	May 7-11	42°32.7'	70°43.7'	13872.9/44327.0
	N of Scituate	121-180'	May 7-11	42°19.6'	70°42.5'	13930.0/44250.0
	Outer Mass. Bay	121-180'	May 7-11	42°22.7'	70°41.7'	13910.0/44266.5
	S of Marblehead	121-180'	May 7-11	42°27.1'	70°48.8'	13933.0/44304.0
	SE of Halfway Rock	121-180'	May 7-11	42°29.2'	70°45.0'	13898.0/44308.0
	E of Newcomb Ledge	121-180'	May 7-11	42°30.7'	70°42.7'	13875.5/44312.0
	Saturday Night Ledge	121-180'	May 7-11	42°32.1'	70°40.0'	13851.0/44315.0
	ESE Eastern Pt.	121-180'	May 7-11	42°34.1'	70°36.8'	13820.0/44320.0
	Outer Mass. Bay	>180'	May 7-11	42°28.9'	70°38.8'	13860.0/44295.0
	Outer Mass. Bay	>180'	May 7-11	42°25.5'	70°39.9'	13884.0/44278.0

Approximate tow locations north and east of Cape Cod for May, 2003 bottom trawl survey tows

